The Milwaukee Radio Amateurs' Club Inc.

P. O. Box 26233, Milwaukee, Wi 53226
Phone: 414-459-9741
email: w9rh@arrl.net
http://www.w9rh.org

In continuous operation since January 1917
Affiliated with ARRL since December 1919

W9RH Repeater

145.39 MHz, -600 Hz, 127.3 Hz PL

Located on the old ("analog") TV tower for channel 10, 36, 18
Location north of Capitol drive on Humboldt along the Milwaukee River
Down the block from WTMJ / Channel 4 studios and tower
Concrete, sort-of temperature controlled room in a corner of the TV transmitter building with its own outside entrance (not accessible from within the TV building)

Site includes Air Force MARS VHF repeater
Multiple remote VHF receivers for MAARS, MSOE RC and MATC RC systems
UHF - FM-38 443.800 and W.I.N. 443.275 systems

Primary Repeater: Yaesu DR-1X System Fusion Analog / C4FM Digital
Power Output - 15W, final ERP – 71W

Backup Repeater: GE MSTR II
Power Output - 15W, final ERP – 71W

Separate receive and transmitter antennas
2 separate, identical Andrew DB-224E antennas - receive at 730', transmit 630'
Antennas fed with Andrew 2-1/4" pressurized hardline, approx. 1 db. power loss
1800 A-hr. battery backup
Single receiver

The MDTC TV tower to the south includes:
MATC repeater transmitter at 1100'. Located in a room at 605' is the MADOG 2M, 440, 1.2GHz D-Star repeaters (voice and data)

Repeater coverage from Sheboygan south to Ill border (through Sheboygan, Ozaukee, Milwaukee, Racine and Kenosha Counties), west through Washington, Waukesha (minus holes in Waukesha county coverage) and some of Walworth Counties.

Friday night 2 meter FM net: on the W9RH repeater - 145.39 MHz -600 127.3 Pl at 9:00 p.m.
Saturday night Fusion net: on the W9RH repeater – 145.39 MHz -600 at 7:00 p.m.
Monday night Fusion Technical net: on the W9RH repeater – 145.39 MHz at 7:30 p.m.